

NEW STATIONS FOR TWO VERMONT PLANTS.— This season I found beside the road, near the long bridge across West River, about a mile above Townshend village, a plant which proved to be *Berteroa incana*, DC. It was growing in considerable abundance in a light sandy field.

Up to the time of the publication of the Brainerd, Jones, and Eggleston's Flora of Vermont this plant had been reported from but three stations in the state.

I have found *Sisymbrium altissimum*, L. in two places in Jamaica this season: one in our strawberry field and again in a neighbor's door-yard. Mr. Dobbin of Shushan, New York, while in town this year, found it beside the railroad above Jamaica depot. This also seems to be one of the infrequent but increasing Vermont plants.—
LESTON A. WHEELER, Jamaica, Vermont.

NEW ENGLAND SPECIES OF PENIUM.

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SPECIES of the genus *Penium* cannot be called common in New England although specimens are usually met with in nearly all gatherings of Desmids of any richness. Many of the species are inconspicuous and a few of them minute. Twenty-eight species are known from the British Isles while but twelve are recorded here from New England. Two of these are recorded here for the first time. The forms which have not been previously recorded are preceded by an asterisk. All records for which specimens have been seen are followed by an exclamation point. A brief synonymy is given to clear up some of the names used in American works and to give references to published figures. A key is given to the species recorded here, based upon that of the Wests. Measurements and descriptions unless otherwise stated are based upon New England specimens.

PENIUM Bréb., 1844.

Cells straight, usually cylindrical or fusiform, with or without a slight median constriction; each semicell with a single axile chloro-